

CLAIMS

1. A method of continuously manufacturing profiled lignocellulose-containing board or strip-like products, wherein lignocellulosic fibre material is disintegrated to a particle and/or fibre form and the particles or fibres then dried, glue-coated and formed into a fibre mat which is pressed in a steam injection press to produce board or a strip-like product (4), **characterized** in that prior to being pressed the fibre mat (3) is given a surface profile which is maintained during the steam injection process, whereupon the surface of the board or strip-like product is compressed.

2. A method according to claim 1, **characterized** in that the fibre mat is formed with a bulk density of between 20 and 200 kg/m³.

3. A method according to claim 1 or 2, **characterized** in that the fibre mat is precompressed.

4. A method according to any one of claims 1 - 3, **characterized** in that the steam injected board or strip-like product is divided continuously into narrower strips prior to said surface compression.

5. A method according to any one of claims 1 - 4, **characterized** in that the board or strip-like product is given a varying density across said surface.

6. A method according to any one of claims 1 - 5, **characterized** in that a surface profile is formed on both the top and bottom sides of the product.

7. Arrangement for applying the method according to any one of claims 1 - 6 and comprising a forming station (1), an injection press (2) for pressing a fibre mat (3) arriving from the forming station (1) into a board or strip-like product (4), and a surface densifying unit (5) for further treating said product, **characterized** in that at least one milling or cutting roll (6) is provided between the forming station (1)

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and the steam injection press (2) for providing the fibre mat with a surface profile; and in that the steam injection press (2) and the surface densifying unit (5) are each provided with at least one roll (7 and 8 respectively) that are profiled across their width.

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8. Arrangement according to claim 7, **characterized** in that the steam roll (7) in the steam injection press (2) has the same profile as the milling or cutting roll (6) whereas the press roll (8) in the surface densifying unit has a profile whose diameter is greater than that of the profile on the steam roll (7) at certain extreme points.

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add R7

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